OPERATOR'S MANUAL
13 Watt
Electric Engraver
Model # 21C

⚠ IMPORTANT:

Your new tool has been engineered and manufactured to WEN's® high standards for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.

Pay close attention to the Rules for Safe Operation, Warnings, and Cautions. If you use your tool properly and only for what it is intended, you will enjoy years of safe, reliable service.

It's not how, it's WEN the project get's done!

Have product questions or need technical support? Please feel free to contact us!

WenProducts.com

800- 232-1195 M–F 8–5:00 CST

techsupport@wenproducts.com

Specifications

Input power:	13W
Power supply:	120V, 60 Hz
No-load speed:	7,200 SPM (stroke per minute)
Engraving tip:	Tungsten Carbide Tipped Steel
Weight:	12 oz

Includes

Engraver, Tungsten carbide tip, 2 pieces Stencils, instruction manual.

Safety instructions

Safety is a combination of common sense, staying alert, and knowing how your engraver works. **SAVE THESE SAFETY INSTRUCTIONS**.

1. READ and become familiar with this entire instruction manual. LEARN the tool's applications, limitations, and possible hazards.
2. AVOID DANGEROUS CONDITIONS. Do not use power tools in wet or damp areas or expose them to rain. Keep work areas well-lit.
3. DO NOT use power tools in the presence of flammable liquids or gases.
4. ALWAYS keep your work area clean, uncluttered, and well-lit.
5. KEEP BYSTANDERS AT A SAFE DISTANCE from the work area, especially when the tool is operating. NEVER allow children or pets near the tool.
6. DO NOT FORCE THE TOOL to do a job for which it was not designed.
7. ALWAYS remove the power cord plug from the electric outlet when making adjustments, changing parts, cleaning or working on the tool.
8. AVOID ACCIDENTAL START-UPS. Make sure the power switch is in the OFF position before plugging in the power cord.
9. NEVER LEAVE A RUNNING TOOL UNATTENDED. Turn the power switch to OFF. Do not leave the tool until it has come to a complete stop.
10. DO NOT operate the tool if you are under the influence of drugs, alcohol, or medication that could affect your ability to use the tool properly.

Installing an engraver tip

WARNING: Disconnect the engraver from the power supply before making any adjustments or maintenance procedures.

1. Loosen the tip release screw by turning it counterclockwise with a flat head screwdriver.
2. To fit the new engraving tip, insert the tip through the center of the hole of the engraver, ensuring the tip fully enters the housing. A new tip should protrude from the end of the housing by approximately 8.5mm.

3. Tighten the tip release screw fully by rotating in a clockwise direction.

Operation

Warning: Thoroughly read and understand all instructions before using this product. Save this manual.

Warning: Operating time at no more than 30 minutes at rated load followed by a complete cool down of the tool.

WARNING: Disconnect the engraver from the power supply before making any adjustments or maintenance procedures.

The engraver can be used to permanently mark metal, glass, plastic, wood, ceramics and much more.

1. Before using the engraver you must ensure there is an engraving tip installed.
2. Connect the engraver plug to the power supply and while holding the engraver firmly, push up on the on/off switch with your thumb.

NOTE: To turn the tool on, press the ON/OFF Switch to the (I) position. To turn the tool off, push the ON/OFF Switch to the (O) position.

3. Hold the engraver at an angle, like you would hold a pen. Do not press down hard while engraving, use light pressure while guiding the point over the work to be completed.

Adjusting the depth of engraving

1. The stroke adjustment dial located on the side of the engraver controls the stroke length and therefore the depth of engraving.
2. For a fine mark turn the stroke adjustment dial counterclockwise to position ‘1’.
3. For a deeper, thicker mark turn the stroke adjustment dial clockwise to position ‘5’.

NOTE: It is recommended that you practice on scrap material before you start.